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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FRASL, Ewald**
[AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(74) Agent: **RÖGGLA, Harald**; Philips Intellectual Property
& Standards, Triester Strasse 64, A-1101 Vienna (AT).

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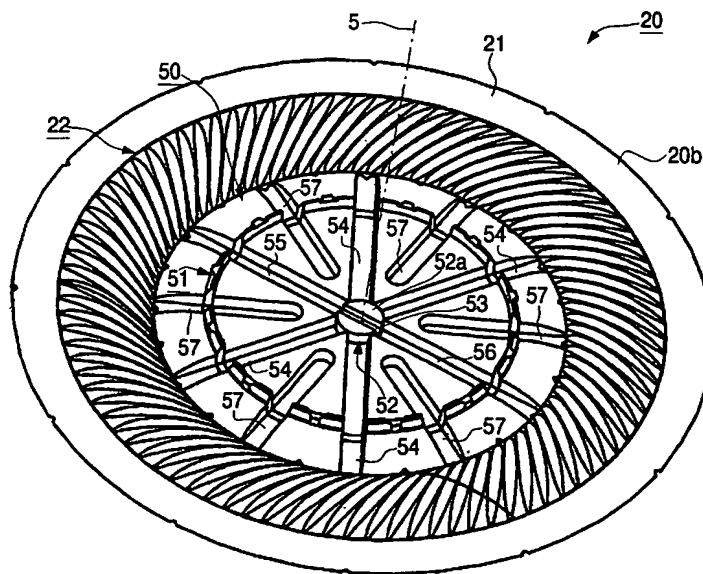
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(54) Title: **ELECTROACOUSTIC TRANSDUCER COMPRISING A MEMBRANE WITH A MIDDLE AREA COMPRISING STIFFENING GROOVES**



(57) Abstract: A membrane (20) has a membrane axis (5) and a middle area (50), a central cup-shaped depression (52) being provided around said membrane axis (5), which depression (52) preferably has a connecting channel (53), wherein the middle area (50) comprises groups of stiffening grooves (54, 55, 56, 57) which extend parallel to radial directions and of which a first group of long stiffening grooves (54, 55, 56) extends up to the depression (52), said connecting channel (53) issuing into two of the long stiffening grooves (55, 56), thus interconnecting these two long stiffening grooves (55, 56).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R7/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 01/56330 A (KONINKL PHILIPS ELECTRONICS NV) 2 August 2001 (2001-08-02) page 3, line 2 -page 5, line 10; figures 1-4	1, 4-9, 11
A	----- PATENT ABSTRACTS OF JAPAN vol. 010, no. 213 (E-422), 25 July 1986 (1986-07-25) & JP 61 050494 A (MATSUSHITA ELECTRIC IND CO LTD), 12 March 1986 (1986-03-12) abstract	5
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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G document member of the same patent family

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Nieuwenhuis, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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